

INTERNATIONAL SEARCH REPORT

International application No.

PCT/US07/19862

A. CLASSIFICATION OF SUBJECT MATTER

IPC: H04L 9/00(2006.01),9/32(2006.01);G06F 11/30(2006.01),12/14(2006.01)

USPC: 713/170,176,177,181,187

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

U.S. : 713/155-159,201; 380/229,232,247-250

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

USPAT, US-PGPUB, JPO, EPO, USOCR

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	US 2005/0071640 A1 (Sprunk et al) 31 March 2005 (31.03.2005), the whole document	1-21
Y	US 2002/0154799 A1 (Asano et al) 24 October 2002 (24.10.2002), the whole document	1-14, 18-21
Y	US 5,590,199 (Krajewski, Jr. et al) 31 December 1996 (31.12.1996), column 6, lines 11-35	15-17

☐

Further documents are listed in the continuation of Box C.

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See patent family annex.

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later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

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document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

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"&"

document member of the same patent family

Date of the actual completion of the international search

19 May 2008 (19.05.2008)

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Name and mailing address of the ISA/US

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